

Title (en)

EDIBLE PLANT-CONTAINING PUFFED FOOD COMPOSITION AND METHOD FOR MANUFACTURING SAME

Title (de)

ESSBARE PFLANZE ENTHALTENDE GEPUFFTE NAHRUNGSMITTELZUSAMMENSETZUNG UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)

COMPOSITION ALIMENTAIRE SOUFFLÉE CONTENANT UNE PLANTE COMESTIBLE ET SON PROCÉDÉ DE FABRICATION

Publication

EP 3864967 A1 20210818 (EN)

Application

EP 20852094 A 20200319

Priority

- JP 2019148110 A 20190809
- JP 2020012219 W 20200319

Abstract (en)

Provided is a puffed food composition which has crispy texture, is unlikely to stick to teeth, and exhibits suppressed astringent taste. A puffed food composition comprising an edible plant that satisfies all of (1)-(6): (1) comprises 3 mass% or more of insoluble dietary fibers; (2) comprises 5 mass% or more of starch; (3) comprises 4 mass% or more of protein; (4) the particle size d₆₀ of particles in a dispersion liquid of the puffed food composition after disturbance is 0.3 to 1,000 μm; (5) the maximum particle size of particles in a dispersion liquid of the puffed food composition before disturbance is 200 μm or more; and (6) the minimum differential value measured by method 1 is -100 kN/m² or less: [method 1] using a texture analyzer, the surface of the puffed food composition at a product temperature of 20 °C is pressed with a disc-type plunger at a descending speed of 1 mm/sec to a deformation rate of 60%, the stress (kN/m²) is continuously measured at intervals of 0.02 seconds, and the differential value (kN/m²) at each deformation rate (%) is determined from a change in stress value until attainment of the minimum deformation rate.

IPC 8 full level

A23L 5/00 (2016.01); **A23L 7/10** (2016.01); **A23L 11/00** (2021.01); **A23L 19/00** (2016.01); **A23L 19/12** (2016.01); **A23L 25/00** (2016.01)

CPC (source: EP US)

A23L 7/10 (2016.07 - EP); **A23L 7/165** (2016.07 - US); **A23L 7/17** (2016.07 - EP); **A23L 11/05** (2016.07 - EP US); **A23L 19/09** (2016.07 - EP US); **A23L 19/13** (2016.07 - EP); **A23L 25/30** (2016.07 - EP); **A23L 33/22** (2016.07 - US); **A23P 30/32** (2016.07 - EP); **A23P 30/34** (2016.07 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3864967 A1 20210818; **EP 3864967 A4 20220223**; JP 6829921 B1 20210217; JP WO2021029103 A1 20210913; TW 202114535 A 20210416; TW I740424 B 20210921; US 2021282434 A1 20210916; WO 2021029103 A1 20210218

DOCDB simple family (application)

EP 20852094 A 20200319; JP 2020012219 W 20200319; JP 2020544044 A 20200319; TW 109109777 A 20200324; US 202117336947 A 20210602